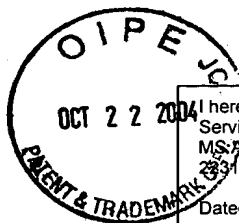




<b>AMENDMENT TRANSMITTAL LETTER</b>				Docket No. VEECO 3.0-069	
Application No. 10/046,426	Filing Date January 16, 2002	Examiner K. A. Moore	Group Art Unit 1763		
Invention: REACTOR HAVING A MOVABLE SHUTTER					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
<b>Total Claims</b>	23	- 32 =		x	
<b>Independent Claims</b>	2	- 3 =		x	
<b>Multiple Dependent Claims (check if applicable)</b> <input type="checkbox"/>					
<b>Other fee (please specify):</b>					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					0.00
<input checked="" type="checkbox"/> Large Entity <span style="margin-left: 200px;"><input type="checkbox"/> Small Entity</span>					
<input checked="" type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. <u>12-1095</u> in the amount of <u>                    </u> . A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ <u>                    </u> to cover the filing fee is enclosed.					
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge and credit Deposit Account No. <u>12-1095</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 Michael J. Doherty Attorney Reg. No. 40,592				Dated: <u>October 19, 2004</u>	
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP 600 South Avenue West Westfield, New Jersey 07090 (908) 518-6337					
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.					
Dated: October 19, 2004		Signature:  (Michael J. Doherty)			

1763  
JFW



I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 19, 2004

Signature:

*Michael J. Doherty*  
(Michael J. Doherty)

Docket No.: VEECO 3.0-069  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Gurary et al.

Application No.: 10/046,426

Filed: January 16, 2002

For: REACTOR HAVING A MOVABLE SHUTTER

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: Group Art Unit: 1763  
:  
: Examiner: K. A. Moore  
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:

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Dear Sir:

In response to the Office Action mailed August 23, 2004 and the Interview Summary mailed October 12, 2004, please amend the above-identified application as follows: